

Title (en)

Device for positioning a flexible printing plate on the plate cylinder of a notary printing machine.

Title (de)

Vorrichtung zum Verstellen von biegsamen Druckplatten auf dem Plattenzylinder von Rotationsdruckmaschinen.

Title (fr)

Dispositif pour positionner un cliché flexible sur le cylindre porte-plaque d'une machine à imprimer rotative.

Publication

EP 0401500 A2 19901212 (DE)

Application

EP 90107607 A 19900421

Priority

DE 3918215 A 19890603

Abstract (en)

[origin: JPH0375146A] PURPOSE: To enable rotating of a printing plate on a plate cylinder for register correction without suspending a printing process during mechanical operation by providing a clamping force transmitting element between one of axially fitted levers and a cylinder body and making the element displaceable by an adjusting means. CONSTITUTION: In order to correct a register, both clamping rails 10, 11 are axially fitted to both end parts through each of axially fitted levers 13, 14. The axially fitted levers 13, 14 are pivotally supported, in a reely gyrating manner, by pivotal support pins 15 in a groove 12 formed on a cylinder body 2. In this invention, a clamping force transmitting element, and a flexible rod 27 to the advantage are provided between the axially fitted lever 13 and the cylinder body 2. The flexible rod 27 is displaceable by an adjusting means. In this case, the adjusting means may be a motor 28 for adjustment. Since tensile force to be induced when the flexible rod 27 is displaced is extremely high, it is possible to rotate a printing plate in such a state that the plate is clamped on the cylinder body 2.

Abstract (de)

Die Erfindung betrifft eine Vorrichtung zum Verstellen von biegsamen Druckplatten auf dem Plattenzylinder von Rotationsdruckmaschinen mit Spannschienen, in denen beide Plattenenden eingespannt sind, mit Anlenkhebeln, an denen die Spannschienen an ihren beiden Enden gelenkig verbunden sind und mit Mitteln zur Korrektur des Passers, bzw. des Registers um einen genau bestimmten Drehpunkt, wobei diese Korrektur durch Verdrehen der Druckplatte während des Maschinenlaufs durchgeführt werden kann.

IPC 1-7

B41F 13/16; **B41F 27/12**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102019101172A1; FR2713141A1; EP0507635A1; DE102019120961A1; DE4140022C5; DE4214167A1; GB2254290A; EP3771563A1; DE102020123196A1; WO2022048933A1; US11945210B2

Designated contracting state (EPC)

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